

SMIP05 SEMINAR ON UTILIZATION OF STRONG-MOTION DATA

Omni Hotel, Los Angeles, California
May 10, 2005

PRELIMINARY PROGRAM

8:00 am **REGISTRATION**

9:00 am **WELCOMING REMARKS**

Chris Poland, Chair, Strong Motion Instrumentation Advisory Committee (SMIAC)
Michael Reichle, Acting State Geologist, California Geological Survey
Anthony Shakal, Program Manager, Strong Motion Instrumentation Program

INTRODUCTION

Moh Huang, Strong Motion Instrumentation Program

SESSION I

Moderator: *Bruce Bolt*, UC Berkeley, SMIAC

9:15 am **Strong-Motion Data from the M6.0 Parkfield Earthquake of September 28, 2004**
Anthony Shakal, SMIP

9:40 am **Animation of Ground Shaking for California Earthquakes**
Timothy Mote, Geomatrix Consultants

10:05 am **Questions and Answers for Session I**

10:15 am Break

SESSION II

Moderator: *Vern Persson*, SMIAC

10:35 am **Quantifying CISM ShakeMap Uncertainty**
Kuo-Wan Lin, CSMIP

11:00 am **Visualization of Nonlinear Seismic Behavior of the Interstate 5/14 North Connector Bridge**
Robert Dowell, California State University, San Diego

11:25 am **Questions and Answers for Session II**

11:35 am **LUNCH**

SESSION III

Moderator: *Chris Poland*, Degenkolb Engineers, SMIAC

12:45 pm **Automated Post-Earthquake Damage Assessment and Safety Evaluation of Instrumented Buildings**

Farzad Naeim, John A. Martin & Associates

1:10 pm **A Data Driven Methodology for Assessing Impact of Earthquakes on the Health of Building Structural Systems**

Dennis Bernal, Northeastern University, Boston

1:35 pm **Questions and Answers for Session III**

1:45 pm Break

SESSION IV

Moderator: *Wilfred Iwan*, Caltech, SMIAC

2:00 pm **Observations on the M9.0 Sumatra, Indonesia Earthquake of December 26, 2004**

Wilfred Iwan, Caltech

2:25 pm **Tsunami Mitigation Programs and Preparedness in California**

Richard Eisner, Governor's Office of Emergency Services and *Mike Reichle*, California Geological Survey

2:50 am **Questions and Answers for Session IV**

3:00 pm **Seismic Retrofit of the Los Angeles City Hall**

Nabih Yousef, Nabih Yousef & Associates

3:20 pm Field Trip to **Los Angeles City Hall**